# INDEX TO VOLUME XXIII

## 1936

## THE JOURNAL OF THE AMERICAN DENTAL ASSOCIATION


FRONTISPIECES

Page

Adams, Fred R., D.D.S. ..... 180
Blanquie, Raoul H., D.D.S. ..... 1816
Blue, James V., D.D.S. ..... 2224
Board of Trustees of the American Dental Association, 1935-1936 ..... 1184
Byrnes, Ralph R., D.D.S., F.A.C.D. ..... 1396
Camalier, C. Willard, D.D.S. ..... 1608
Committee on Local Arrangements ..... 944
Davis, William R., A.B., D.D.S., F.A.C.D. ..... 736
Exposition Auditorium, San Francisco ..... 532
Gentilly, James V., D.D.S. ..... 2020
Robison, Homer B., D.D.S. ..... 354
Wolfe, Frederick J., D.D.S. ..... 2

THE SAN FRANCISCO SESSION

Official Call ..... 1125
General Program ..... 1126
The Scientific Sections ..... 1128
General Clinic Program ..... 1135
The San Francisco Session ..... 1145
Directory of Commercial Exhibitors ..... 1155
Members of the House of Delegates 1936 .. 1156

ORIGINAL COMMUNICATIONS

Abutments, Modern, Analytic Study of (Arthur O. Klaffenbach) ..... 2275
Amalgam: Definite Mode of Manipulation (Claude C. Cannon) ..... 629
Amalgam Fillings, Constructing by Reinforcement to Approximate Strength of Cast Gold (F. A. Bull) ..... 1655
Amalgam Restorations (F. J. Viner) ..... 1682
Amalgam Restorations, Simple Method of Improving (Francis A. Bull) ..... 1880
Anatomy. Premaxilla in Man (M. F. Ashley-Montagu) ..... 2043
Anatomy. Surgical Significance of Pterygomandibular Fossa (Hugh W. MacMillan) .. 817
Anatomy. Variations of Maxillary Sinus as Seen in Roentgenogram (Le Roy M. Ennis and Oscar Batson) ..... 201
Anesthetic, Local, New: Pharmacologic and Clinical Study of *B*-Benzoyloxy-*B*-Phenyl-Ethyl-Dimethylemine-Hydrochloride (Erwin William Ferber) ..... 788
Anesthetic, Local, Solutions, Comparative Merits of Vasoconstrictors in: Practical Application (Howard C. Miller and Carroll W. Stuart ..... 1883
Anesthetic, Local, Solutions, Relationship of Hydrogen Ion Concentration to Efficiency and Toxicity of (C. D. Gwinn and E. W. Ferber) ..... 1298
Anesthetics, Local, Available, Additional Studies in Clinical Application of (Ralph Clarkson Cooley) ..... 972
Anesthetics, Local, Administration of, in Dentistry (P. G. Puterbaugh) ..... 241
Anesthetics, Topical, Studies in. I. Efficacy of Certain Common Anesthetics When Used on Gums (M. L. Tainter and S. M. Moose) ... 244
Anesthesia, General, as It May Interest General Practitioner, with Special Consideration of Nitrous Oxide-Oxygen and Ethyl Chloride (Max H. Jacobs) ..... 1729

Page

Anesthesia, General, in Dental and Oral Surgery (Harry M. Seldin) ..... 1040
Anesthesia, Intravenous Method of Reversing Process of (Walter V. MacGilvra) ..... 668
Anesthesia, Local, Effect of Administration of Epinephrine on Procaine Toxicity (Earl A. Zaus and Leonard W. Moody) ..... 1006
Anesthesia, Local, Research in, and Its Clinical Application (Stanley W. Clark) ..... 251
Anesthesia, Nitrous Oxide-Oxygen, Fundamentals of (George W. Christiansen) ..... 2232
Anesthesia, Prolonged Modified Nitrous Oxide-Oxygen; Psychologic and Technical Factors in Successful Application in Major Oral Surgery (J. Holden Beckwith) ..... 393
Anesthesia, Topical, in Oral Surgery, Practical Value and Limitations of (M. L. Tainter and S. M. Moose) ..... 309
Anomaly in Dentition: Report of Case (O. R. Hodgin) ..... 1308
Anterior Teeth of Young Patients, Treatment of Accidents to (Walter C. McBride) ..... 755
Anthropology. Observations on Precolumbian Indian Skulls Unearthed in New York State (H. Jobe Sedwick) ..... 764
Arteriosclerosis, Cardiac: What It Means to Dentist (Thomas B. Hartzell) ..... 1288
Arthritis, a Dental Problem (George F. O'Brien) ..... 1738
Arthritis, with Special Reference to Mouth Manifestations (Philip Finkle) ..... 1632
Azochloramid, Preliminary Report on Use of, as Root Canal Disinfectant (Louis I. Grossman) ..... 774
Bacteria, Mouth Inhabiting, Laboratory Evidence of Antibiotic Relationship of (Don Chalmers Lyons) ..... 852
Bacteriologic Studies of Carious Dentin (Clarence P. Canby and J. L. Bernier) ..... 2083
Biochemistry. Laboratory Evidence of Antibiotic Relationship of Mouth Inhabiting Bacteria (Don Chalmers Lyons) ..... 852
Biologic Factors in Dental Disorders (Samuel Rabkin) ..... 1932
Biologic Problems in Orthodontia (Balint Orban) ..... 1849
Biology. Factors in Tissue Repair and Resistance to Infection (Robert W. Keeton) ..... 194
Bleeding from Oral Tissues: Causes and Differentiation (Carroll L. Birch) ..... 750
Blood Donors, Dental Findings in 385 (Committee on Community Dental Service of New York Tuberculosis and Health Association) ..... 1671
Blood Dyscrasias, Dentistry in Relation to (William P. Murphy) ..... 575
Calcification. New Concept of Development and Calcification of Teeth (E. C. McBeath) ..... 675
Calculus of Submaxillary Gland (Adolph Berger and Joseph D. Berke) ..... 1397
Cancer, Rôle of Dentistry in Control of (Ferdinand C. Helwig) ..... 1759
Canker Sores (Aphthous Stomatitis): Preliminary Report (James D. Grace) ..... 2082
Carcinoma of Maxilla: Neoplastic Jaw Diseases: Report of Case (Conrad C. Gilkison) . 437
Cardiac Diseases and Dentist (Bayard Holmes) 118

# INDEX TO VOLUME XXIII

## 1936

## THE JOURNAL OF THE AMERICAN DENTAL ASSOCIATION


FRONTISPIECES

Page

Adams, Fred R., D.D.S. ..... 180
Blanquie, Raoul H., D.D.S. ..... 1816
Blue, James V., D.D.S. ..... 2224
Board of Trustees of the American Dental Association, 1935-1936 ..... 1184
Byrnes, Ralph R., D.D.S., F.A.C.D. ..... 1396
Camalier, C. Willard, D.D.S. ..... 1608
Committee on Local Arrangements ..... 944
Davis, William R., A.B., D.D.S., F.A.C.D. ..... 736
Exposition Auditorium, San Francisco ..... 532
Gentilly, James V., D.D.S. ..... 2020
Robison, Homer B., D.D.S. ..... 354
Wolfe, Frederick J., D.D.S. ..... 2

THE SAN FRANCISCO SESSION

Official Call ..... 1125
General Program ..... 1126
The Scientific Sections ..... 1128
General Clinic Program ..... 1135
The San Francisco Session ..... 1145
Directory of Commercial Exhibitors ..... 1155
Members of the House of Delegates 1936 .. 1156

ORIGINAL COMMUNICATIONS

Abutments, Modern, Analytic Study of (Arthur O. Klaffenbach) ..... 2275
Amalgam: Definite Mode of Manipulation (Claude C. Cannon) ..... 629
Amalgam Fillings, Constructing by Reinforcement to Approximate Strength of Cast Gold (F. A. Bull) ..... 1655
Amalgam Restorations (F. J. Viner) ..... 1682
Amalgam Restorations, Simple Method of Improving (Francis A. Bull) ..... 1880
Anatomy. Premaxilla in Man (M. F. Ashley-Montagu) ..... 2043
Anatomy. Surgical Significance of Pterygomandibular Fossa (Hugh W. MacMillan) .. 817
Anatomy. Variations of Maxillary Sinus as Seen in Roentgenogram (Le Roy M. Ennis and Oscar Batson) ..... 201
Anesthetic, Local, New: Pharmacologic and Clinical Study of *B*-Benzoyloxy-*B*-Phenyl-Ethyl-Dimethylemine-Hydrochloride (Erwin William Ferber) ..... 788
Anesthetic, Local, Solutions, Comparative Merits of Vasoconstrictors in: Practical Application (Howard C. Miller and Carroll W. Stuart ..... 1883
Anesthetic, Local, Solutions, Relationship of Hydrogen Ion Concentration to Efficiency and Toxicity of (C. D. Gwinn and E. W. Ferber) ..... 1298
Anesthetics, Local, Available, Additional Studies in Clinical Application of (Ralph Clarkson Cooley) ..... 972
Anesthetics, Local, Administration of, in Dentistry (P. G. Puterbaugh) ..... 241
Anesthetics, Topical, Studies in. I. Efficacy of Certain Common Anesthetics When Used on Gums (M. L. Tainter and S. M. Moose) ... 244
Anesthesia, General, as It May Interest General Practitioner, with Special Consideration of Nitrous Oxide-Oxygen and Ethyl Chloride (Max H. Jacobs) ..... 1729

Page

Anesthesia, General, in Dental and Oral Surgery (Harry M. Seldin) ..... 1040
Anesthesia, Intravenous Method of Reversing Process of (Walter V. MacGilvra) ..... 668
Anesthesia, Local, Effect of Administration of Epinephrine on Procaine Toxicity (Earl A. Zaus and Leonard W. Moody) ..... 1006
Anesthesia, Local, Research in, and Its Clinical Application (Stanley W. Clark) ..... 251
Anesthesia, Nitrous Oxide-Oxygen, Fundamentals of (George W. Christiansen) ..... 2232
Anesthesia, Prolonged Modified Nitrous Oxide-Oxygen; Psychologic and Technical Factors in Successful Application in Major Oral Surgery (J. Holden Beckwith) ..... 393
Anesthesia, Topical, in Oral Surgery, Practical Value and Limitations of (M. L. Tainter and S. M. Moose) ..... 309
Anomaly in Dentition: Report of Case (O. R. Hodgin) ..... 1308
Anterior Teeth of Young Patients, Treatment of Accidents to (Walter C. McBride) ..... 755
Anthropology. Observations on Precolumbian Indian Skulls Unearthed in New York State (H. Jobe Sedwick) ..... 764
Arteriosclerosis, Cardiac: What It Means to Dentist (Thomas B. Hartzell) ..... 1288
Arthritis, a Dental Problem (George F. O'Brien) ..... 1738
Arthritis, with Special Reference to Mouth Manifestations (Philip Finkle) ..... 1632
Azochloramid, Preliminary Report on Use of, as Root Canal Disinfectant (Louis I. Grossman) ..... 774
Bacteria, Mouth Inhabiting, Laboratory Evidence of Antibiotic Relationship of (Don Chalmers Lyons) ..... 852
Bacteriologic Studies of Carious Dentin (Clarence P. Canby and J. L. Bernier) ..... 2083
Biochemistry. Laboratory Evidence of Antibiotic Relationship of Mouth Inhabiting Bacteria (Don Chalmers Lyons) ..... 852
Biologic Factors in Dental Disorders (Samuel Rabkin) ..... 1932
Biologic Problems in Orthodontia (Balint Orban) ..... 1849
Biology. Factors in Tissue Repair and Resistance to Infection (Robert W. Keeton) ..... 194
Bleeding from Oral Tissues: Causes and Differentiation (Carroll L. Birch) ..... 750
Blood Donors, Dental Findings in 385 (Committee on Community Dental Service of New York Tuberculosis and Health Association) ..... 1671
Blood Dyscrasias, Dentistry in Relation to (William P. Murphy) ..... 575
Calcification. New Concept of Development and Calcification of Teeth (E. C. McBeath) ..... 675
Calculus of Submaxillary Gland (Adolph Berger and Joseph D. Berke) ..... 1397
Cancer, Rôle of Dentistry in Control of (Ferdinand C. Helwig) ..... 1759
Canker Sores (Aphthous Stomatitis): Preliminary Report (James D. Grace) ..... 2082
Carcinoma of Maxilla: Neoplastic Jaw Diseases: Report of Case (Conrad C. Gilkison) . 437
Cardiac Diseases and Dentist (Bayard Holmes) 118

Page

Caries and Diet. Reply to Becks and Simmonds' Criticism (Martha R. Jones, Nils P. Larsen and George P. Pritchard) ..... 295

Caries, Dental: Critical Study of Investigations in Hawaiian Islands (Alex J. Ker) ... 17

Caries, Dental, Enamel Hypoplasia and Malocclusion in Children, Relation of Rickets and Vitamin D to Incidence of (David H. Shelling and George M. Anderson) ..... 840

Caries, Dental. Eskimo and Indian Field Studies in Alaska and Canada (Weston A. Price) 417

Caries, Dental. Field Studies Among Some African Tribes on Relation of Nutrition to Incidence of Dental Caries and Dental Arch Deformities (Weston A. Price) ..... 876

Caries, Dental in Children, Observations on Relationship of Lactobacillus Acidophilus to, During Experimental Feeding of Candy (Philip Jay, Faith P. Hadley, R. W. Bunting and Martha Koehne) ..... 846

Caries, Dental. Laboratory Evidence of Antibiotic Relationship of Mouth Inhabiting Bacteria (Don Chalmers Lyons) ..... 852

Caries, Dental, Lactobacillus Acidophilus in (Marion M. Johnston et al.) .....1493

Caries, Dental, Theoretical Considerations of Carbohydrate Degradation in Relation to (Leonard Fosdick and Harold L. Hansen). 401

Caries, Enamel and Dentin Metabolism Illustrated by Reactions to (Theodore B. Beust). 827

Caries in Deciduous and Permanent Teeth of Children, Statistical Study of (Joseph T. Cohen) ..... 312

Caries, Incipient, New Data on Chemotherapy of (James Mark Prime) ..... 785

Carious Dentin, Bacteriologic Studies of (Clarence P. Canby and J. L. Bernier) .....2083

Cements, Silicate, Effect of Particle Size on Physical Properties of (Edgar W. Swanson) .....1620

Cements, Zinc Phosphate, Certain Physical Properties of (F. A. Peyton and W. B. Holmes) .....1251

Cements, Zinc Phosphate, Certified..... 299

Childhood. Oral Sepsis in (Joseph Brenneemann) .....1817

Children's Dentistry. Are You Prepared to Meet the Children? (H. Shirley Dwyer).... 148

Children's Dentistry. Care of First Permanent Molar: Preservation of Mesial Surface Until Eruption of Second Bicuspid (George E. Morgan) ..... 13

Children's Dentistry. First Permanent Molar (Walter C. McBride) .....2116

Children's Dentistry. Indications, Contraindications and Technic in Treatment of Infected Deciduous Root Canals (John E. Gurley).. 113

Children's Dentistry. Operative Procedures for Deciduous Teeth (George E. Morgan) .....1689

Children's Dentistry. Pulpless Deciduous Teeth (Herbert R. Foster) .....2057

Children's Dentistry, Relation of Public Health to (Charles F. Deatherage) .....2177

Children's Dentistry. Treatment and Restoration of Fractured Permanent Anterior Teeth (John C. Brauer) .....2323

Children's Dentistry. What One May See in Child's Mouth (Walter C. McBride) .....1745

Chondroma, Multiple: Report of Case (L. P. Henneberger and L. W. Bimestefer)..... 416

Civilization—a Disease (P. J. Brekhus and W. D. Armstrong) .....1459

Clasps, Bar, Tripping Action of (Eugene R. Stone) ..... 596

Cleft Lip and Cleft Palate, Correction of (A. L. Frew) ..... 29

Cleft Palate, New Operation for Closure of: Radical Uranoplasty (Limberg) (Louis Schultz) ..... 407

Cold and Heat Therapy in Dental Inflammations (Mathew Podolin)..... 61

Page

Community Dental Program, Organization Outline for (Harry Strusser and J. A. Salzmann) .....2376

Community Health Program (Emory W. Morris) ..... 495

Crown, Clinical, of Human Tooth, Increase in Size of, with Advancing Age (Rudolf Kronfeld) ..... 382

Curriculum, Dental College, Status of Periodontia in (Celia Rich) .....1079

Cyst, Dentigerous, Containing Thirty-Three Small Teeth (P. Chung and J. L. Boots)... 225

Cyst, Radicular: Report of Case (Thomas O. Robinson) ..... 58

Cysts, Bone, Conservative Management of, in Children and Adults (A. Y. Russell) .....1719

Cysts, Median Anterior Maxillary (Edward C. Stafne, Louis T. Austin and Boyd S. Gardner) ..... 801

Dentin, Nerves in: Survey of Recent Literature on Dentin Innervation (Rudolf Kronfeld)..1756

Dentistry and Tuberculosis (Leonard P. Wahl) 478

Denture, Artificial, Problem, Past and Present; Need of Research in Immediate Future (W. J. Pryor) ..... 451

Denture Base, Glass as, Advantages and Disadvantages of Use of (Frank Lott) .....1915

Denture Base Material, Progress Report on (1935) (W. T. Sweeney and Iri C. Schoonover) .....1498

Denture, Cast Aluminum Base (Dayton Dunbar Campbell) .....1264

Denture, Full, Construction, Escaping Commonplace in (Victor H. Sears)..... 212

Denture, Full, Construction, Esthetics in (I. L. Furnas) ..... 3

Denture, Full, Construction, Examination and Diagnosis Preliminary to (R. H. Kingery)..1707

Denture, Full, Relation of Dentist to Commercial Dental Laboratory (Clyde H. Schuyler).2355

Denture Materials, Further Determinations on Strength of: Condensites and Vulcanites: Progress Report (Horton D. Kimball)....1904

Denture, Partial, as Vehicle for Function (David W. McLean) .....1271

Denture, Partial, Construction, Problem of Increased Vertical Dimension in (Fred H. Hall) .....1321

Denture, Partial, Design, Fundamentals of (R. W. Tench) .....1087

Denture, Partial, Modern Fixed Partial Restorations (Alver Selberg) ..... 460

Denture, Partial, Safe Temporary (A. Laurence Dunn) ..... 96

Denture Patient, Surgery for (O. T. Dean)...2124

Denture Prosthesis—Accredited Oral Health Service (H. V. Holcomb) .....2307

Denture Prosthesis Complete, Tooth Arrangement in (R. O. Schlosser) .....2337

Denture Service, Immediate Duplicate (Fred D. Miller) ..... 83

Dentures, Artificial, Influence of Biologic Factors in Retention of (Elbert Crosby Pendleton) .....1233

Dentures, Artificial, Surgical Preparation of Mouth for Reception of (C. S. Suddarth).. 468

Dentures, Complete Prosthetic, Selection and Arrangement of Artificial Teeth for (Walter H. Wright) .....2291

Dentures, Full, Curved Cusp Posterior Tooth (H. F. McGrane) .....1072

Dentures, Full, Denture Materials (George A. Hughes) ..... 621

Dentures, Full, Functional Impressions for Rebasing (Victor H. Sears) .....1031

Dentures, Full, Importance of Esthetic Factors in Full Restorations (Earl L. Richey)....2065

Dentures, Full, Necessity for Endocrine Treatment in Successful Prosthesis (Melvin E. Page) ..... 439

Page

Dentures, Full. Restoration of Lost Facial Dimensions and Contour for Edentulous Patient (H. O. Brown) ..... 1845

Dentures, Full, Retention and Stability for (Wilfrid H. Terrell) ..... 1194

Dentures, Full. Revolutionary Mechanical Principles Utilized to Produce Full Lower Dentures Surpassing in Stability Best Modern Upper Dentures (Sidney C. Fournet and Charles Shepard Tuller) ..... 1028

Dentures, Full. Surgery of Soft Tissues of Mouth (Don E. Woodard) ..... 1676

Dentures, Full. Taking of Registrations for Securing Centric Jaw Relation (Finis Marlin Hight) ..... 1447

Dentures, Mandibular Artificial, Anatomy of Throat, Mylohyoid Region and Mandible in Relation to Retention of (Hugh W. MacMillan) ..... 1435

Dentures, Partial. Analytic Study of Modern Abutments (Arthur O. Klaffenbach) ..... 2275

Dentures, Partial, Osseous Changes in Alveolar Process and Effect on (Frank H. McKevitt) . 2241

Dentures, Partial. Something New in Cusps and Sulci Analysis, Balanced and Functional Occlusion and Stressbreakers (F. S. Meyer) . 1204

Dentures, Partial, Spring Lock and Insertion Pin Lock Attachments in Saddle Designs for (Ferdinand G. Neurohr) ..... 1530

Dentures, Partial, Stabilization of (David W. McLean) ..... 545

Dentures, Partial. Tripping Action of Bar Clasps (Eugene R. Stone) ..... 596

Dentures, Williams' Classification of Anterior Tooth Forms (M. Russell Stein) ..... 1512

Diet and Preventive Dentistry (Clifford J. Barborka) ..... 977

Diet as Factor in Healing (Frederick F. Molt) . 1442

Diet, Progress in Nutrition (Jacob E. Klein) . 1751

Drugs, and Their Application in Modern Dental Health Service, Recent Advances in Knowledge of (William H. O. McGehee) ..... 1222

Dry Socket, Diet as Factor in Healing (Frederick F. Molt) ..... 1442

Dyscrasias, Blood, Dentistry in Relation to (William P. Murphy) ..... 575

Economic Chaos, Way Out of (Ross Garrett) . 326

Economic Value of Dental Health Education in Public Schools (Henry Cline Fixott) .... 1567

Economics, Are Science and Art of American Dentistry to Be Sacrificed to False Panacea? (Arthur C. Wherry) ..... 158

Economics, Building Practice at Sixty (J. Walton Dace) ..... 1111

Economics, Critique on "The Patient's Dilemma" (Chapter 11) (Edward H. Ochsner) .. 711

Economics, Discussion of Social Security Act, with Special Reference to Health Clauses (C. T. Messner) ..... 703

Economics, Don Quixote (P. H. Belding) .... 1116

Economics, Medicine and Social Changes (R. G. Leland) ..... 506

Economics, Phases of Community Dental Credit Bureau (H. D. Meyer) ..... 1588

Economics, Public School Health Service of Kansas Town (Thomas A. Mayhew) ..... 2003

Economics, Responsibility of Government in Relationship to Dental Practice (Arthur C. Wherry) ..... 1791

Economics, Social Security Act (E. E. Voyles) 917

Economics, "Washington Plan" (Seymour A. Watsky) ..... 338

Economics, What Economics Committee of American Dental Association Is Doing (Lon W. Morrey) ..... 1579

Edema, Angioneurotic, of Lower Jaw: Report of Case (J. Leo Epstein and A. Edward Gindea) ..... 477

Editors, Dental, Proceedings of Fifth General Meeting of American Association of ..... 660

Page

Education, Dental, Center of Population, 1870-1930 (Walter Crosby Eells) ..... 473

Education, Dental, Physician Looks at (James S. McLester) ..... 503

Electrochemical Ulcer of Buccal Mucosa: Report of Case (Norman W. Roome and A. A. Dahlberg) ..... 1652

Electrogalvanic Phenomena of Oral Cavity Caused by Dissimilar Metallic Restorations (Everett S. Lain and G. Sherrill Caughron) . 1641

Electrogalvanism, Potential Difference Between Various Kinds of Metals Applied in Oral Cavity and Their Physiologic Effects (Eijiro Wakai) ..... 1000

Endocrine Disorders, Relation of, to Dental Diseases (James H. Hutton) ..... 226

Esthetics and Optical Illusions in Dentistry (E. L. Pilkington) ..... 641

Esthetics in Full Denture Construction (I. L. Furnas) ..... 3

Ethics, Philosophy of Professional Obligation (Hugh W. MacMillan) ..... 2225

Ethics, What It Means to Be a Dentist (L.E. Blauch) ..... 1370

Extraction Wounds, Disturbed and Undisturbed, Healing of (Roland S. Claffin) .... 945

Eyes of Dentist and of His Patients (Sanford R. Gifford) ..... 1713

Fluorine in Relation to Bone and Tooth Development (Floyd DeEds) ..... 568

Focal Infection, Cataphoretic Velocity and Localization of Streptococci Isolated from Infected Teeth of Persons Having Systemic Disease (Edward C. Rosenow) ..... 35

Folk Lore, Solar Teeth (Lawrence Parmly Brown) ..... 262

Fracture, Diet as Factor in Healing (Frederick T. Molt) ..... 1442

Fracture, Gentle Means for Reducing (Carl F. Morgenthaler) ..... 1736

Fractured Root, Clear Instance of Repair of: Report of Case (Esther E. Svoboda and F. Svoboda) ..... 1546

Fractured Permanent Anterior Teeth, Treatment and Restoration of (John C. Brauer) . 2323

Fractures of Mandible and Maxillae (Fulton Risdon) ..... 1639

Fungi, Diseases of Mouth Due to (Virginia Fisher) ..... 1665

Fusiform Bacilli and Spirilla, Significance of, in Gingival Tissue (Ruth Tunnicliff, E. B. Fink and Carolyn Hammond) ..... 1959

Fusospirochetal Organisms, Rôle of, in Acute and Chronic Infections of Mouth (David T. Smith) ..... 1340

Fusospirochetosis, Oral, Cultural Studies of, Correlated with Gingival Exudate and Clinical Manifestations (Richard D. Dean and Marguerite T. Dean) ..... 1829

Gingivitis (Grace Rogers Spalding) ..... 2021

Gingivitis, Significance of Fusiform Bacilli and Spirilla in Gingival Tissue (Ruth Tunnicliff, E. B. Fink and Carolyn Hammond) . 1959

Glass as Denture Base, Advantages and Disadvantages of Use of (Frank Lott) ..... 1915

Gnathodynamics (Arthur O. Klaffenbach) .... 371

Gold and Platinum Foil, Preliminary Report of Tests Made to Determine Physical Properties and Clinical Values of (R. W. Rule) . 93

Gold Foil, Treatment of Cavities in Anterior Teeth and Pit and Fissure Cavities in Posterior Teeth with (Walden I. Ferrier) ..... 355

Hartman's Solution, Discussion of Action of Dr. Hartman's Solution (Thomas J. Hill) ... 679

Heart, Cardiac Diseases and Dentist (Bayard Holmes) ..... 118

Heart, Dentist's Responsibility to Cardiac Patient (H. N. Boyne) ..... 1451

Heart Disease and Syncope in Practice of Dentistry, Consideration of (Joseph A. Capps) ..... 1543

Page

Heat and Cold Therapy in Dental Inflammations (Mathew Podolin) ..... 61
Hospital Service, Relation of Dental to Medical (Leonard S. Morvay) ..... 960
Hypercementosed and Impacted Teeth, Surgical Technic for Removal of (James A. Blue) ..1480
Hypoplasia, Dental: Occurrence, Histopathology and Etiology (John Albert Marshall) ..2074
Hypoplasia, Enamel, Dental Caries and Malocclusion, Relation of Rickets and Vitamin D to Incidence of (David H. Shelling and George M. Anderson) ..... 840
Identification by Dental Means (Alfred Paul Rogers) ..... 181
Impacted and Hypercementosed Teeth, Surgical Technic for Removal of (James A. Blue) ..1480
Impacted and Malposed Teeth (J. P. Wahl) ..1316
Impacted Teeth in Symphysis of Mandible: Report of Case (John H. Nesson) .....1761
Inlay, Cast Gold, Operative Procedures Incident to Construction of (Robert K. Brown) .... 99
Inlay, Porcelain: Direct Technic (Nye W. Goodman) .....1045
Inlays. Study of Causes of Discontinuity of Metal in Sprues During Pressure Casting (Raymond E. Myers) ..... 554
Innervation of Teeth (Alton D. Brashear) .... 662
Laboratory, Commercial Dental, Relation of Dentist to (Clyde H. Schuyler) .....2355
Lactobacillus Acidophilus in Dental Caries (Marion M. Johnston, O. H. M. Williams, P. G. Anderson, T. G. H. Drake, F. F. Tisdall and Mildred J. Kaake) .....1493
Lining and Varnish, Cavity, Gum Copal Solution for (Samuel M. Gordon) .....2374
Malocclusion, Dental Caries and Enamel Hypoplasia in Children, Relation of Rickets and Vitamin D to Incidence of (David H. Shelling and George M. Anderson) ..... 840
Mapharsen, New Therapeutic Agent for Vincent's Infection (P. A. Duehr, L. L. Weissmiller, R. L. McIntosh, G. A. Cooper and A. L. Tatum) ..... 652
Medicine and Social Changes (R. G. Leland) .. 506
Medicine, General, and Dental Practice, Interrelationship of (John Bell Williams) ..... 737
Medicine, Relationship of, to Dentistry (Edgar V. Allen) ..... 254
Metabolism, Enamel and Dentin, Illustrated by Reactions to Caries (Theodore B. Beust) .. 827
Morphology, Bacterial Toxins and Vitamin C in Relation to Tooth Structure (W. F. Swanson, A. Sigal and C. G. King) .....2089
Morphology of Root Canals (A. H. Mueller) ..1698
Mottled Enamel. Fluorine in Relation to Bone and Tooth Development (Floyd DeEds) .... 568
Mottled Enamel, Study of Twenty-Four Cases of, in Fluorine-Free-Water District (R. Reed Smith) .....1725
Mouth Brushing, Importance of (Frederick A. Bricker) .....2287
Museum, Dental. Cumulative Research (Arthur L. Irons) ..... 835
National Bureau of Standards, Program of Research Commission at (P. C. Lowery) .....1312
Neck Infection, Deep, Secondary to Dental Disease (Arthur M. Alden) ..... 854
Needle, Broken, Localization of, in Maxillary Region (Albert J. Whitfield) .....1262
Needles, Broken, in Mandibular Blocking (H. J. Schwarz) ..... 130
Neonatal Line in Enamel and Dentin of Human Deciduous Teeth and First Permanent Molar (Isaac Schour) .....1946
Neoplastic Jaw Diseases: Carcinoma of Maxilla: Report of Case (Conrad C. Gilkison) .. 437
Neuralgia, Facial, Relieved by Phrenic Nerve Block: Report of Case (Andrew L. Banyai) . 625
Nutrition, Progress in (Jacob E. Klein) .....1751

Page

Operative Dentistry. Is Operative Dentistry Failing? (James Mark Prime) ..... 47
Oral Hygiene. Economic Value of Dental Health Education in Public Schools (Henry Cline Fixott) .....1567
Oral Hygiene. Education of School Child for Dental Health (J. M. Wisan) .....1978
Oral Hygiene. Eighteen Years of Mouth Health Teaching (G. M. Cooper) .....1107
Oral Hygiene. Mouth Hygiene in Kern County, California (Clella McCullough) ..... 697
Orthodontia, Biologic Problems in (Balint Orban) .....1849
Orthodontia. Comparative Study in Root Resorption in Permanent Teeth (C. E. Rudolph) ..... 822
Orthodontia. Coordinating Treatment with Diagnosis (Joseph H. Williams) ..... 863
Orthodontia, Dentistry and (John E. Gurley) .1065
Orthodontia. Ectopic Eruption of Permanent Teeth as Factor in Premature Loss of Deciduous Teeth (Samuel J. Lewis) .....1019
Orthodontia. Functional Space Maintenance: Has It a Place in Dentistry for Children? (C. S. Foster) .....1052
Orthodontia, Is Orthodontia for Orthodontist? (Walter T. McFall) .....2352
Orthodontia. Place of Myofunctional Treatment in Correction of Malocclusion (Alfred Paul Rogers) ..... 66
Orthodontia. Plea for Exchange of Thought Between General Practitioner and Specialist (Oren A. Oliver) .....2141
Orthodontia. Practicability of Chrome Nickel Alloys for Orthodontic Use (Howard Yost) . 798
Orthodontia. Relation of Respiration to Malocclusion (Leland R. Johnson) .....1212
Orthodontia, Relation of, to Other Fields of Dentistry (George R. Moore) .....1292
Orthodontia. Some Aspects of Dental Arch Growth (Samuel J. Lewis) ..... 277
Orthodontic Appliance Construction Using Chrome Alloy Metals, Technic of (William R. Humphrey) .....1471
Orthodontic Instruction, Postgraduate, and Licensing of Specialists (Homer B. Robison) .2136
Orthodontic Patient, Medical Background of (Harold J. Noyes) .....1426
Orthodontic Therapy, Adult: Practical Aid to General Practitioner (Earl F. Lussier) ....2102
Orthodontics, Preventive (R. C. Willett) .....2257
Orthopedic Surgery, Dental Phases of (Fremont A. Chandler) ..... 109
Osseous Changes in Alveolar Process and Effect on Partial Dentures (Frank H. McKevitt) ..2241
Osteomyelitis, Chronic, Radical Treatment for (Don Chalmers Lyons) .....1092
Osteomyelitis, Fulminating, of Mandible with Pathologic Fracture (Harry J. Field and Alfred A. Ackerman) ..... 448
Osteonecrosis of Maxilla: Report of Case (Oather A. Kelly) .....1035
Pain About Face and Jaws, Interpretation of (Edward Reiter) .....2132
Past President's Club, Address Before (John V. Conzett) ..... 78
"Patient's Dilemma" (Chapter 11), Critique on (Edward H. Ochsner) ..... 711
Periodontia as Based on Facts, Not Fads, in Practice (Hunter S. Allen) ..... 87
Periodontia. Home Care of Interproximal Spaces (Clayton H. Gracey) ..... 985
Periodontia. Importance of Mouth Brushing (Frederick A. Bricker) .....2287
Periodontia. Safeguarding the Foundation (C. N. Johnson) ..... 994
Periodontia, Status of, in Dental College Curriculum (Celia Rich) .....1079
Periodontoclasia (Harold J. Leonard) .....2032

Page

Periodontoclasia, Diagnosis and Evaluation of Treatment in (Willa Yeretsky) ..... 1185

Periodontoclasia, Incidence of Pulpal Infection in (Clarence P. Canby) ..... 1871

Periodontoclasia. Rôle of Fusospirochetal Organisms in Acute and Chronic Infections of Mouth (David T. Smith) ..... 1340

Periodontoclasia. Significance of Fusiform Bacilli and Spirilla in Gingival Tissue (Ruth Tunnicliff, E. B. Fink and Carolyn Hammond) ..... 1959

Philosophy of Professional Obligation (Hugh W. MacMillan) ..... 2225

Physician Looks at Dental Education (James S. McLester) ..... 503

Physician, What Physician Should Know About Dentistry (Edgar V. Allen and Boyd S. Gardner) ..... 1059

Plasters and Stones, Some Physical Properties of (Maurice A. Goldberg) ..... 617

Platinum and Gold Foil, Preliminary Report of Tests Made to Determine Physical Properties and Clinical Values of Gold and Platinum Foil (R. W. Rule) ..... 93

Porcelain Dental Restorations (H. Spalding Both) ..... 1279

Porcelains, Modern Dental (Fred R. Feicher) . 1009

Posture, Standing vs. Sitting (Herbert Ely Williams) ..... 627

Preparedness League of American Dentists: After Twenty Years (J. Wright Beach) ..... 702

President's Address (George B. Winter) ..... 1609

Preventive Dentistry and Diet (Clifford J. Barborka) ..... 977

Prophylaxis. Civilization—a Disease (P. J. Brekhus and W. D. Armstrong) ..... 1459

Public Health Program, Dentistry in (Ernest A. Branch) ..... 2194

Pulp, Dental, New Method of Staining (M. Ikeda) ..... 2147

Pulp-Involved Teeth, Conservation of (E. A. Jasper) ..... 1895

Pulpless and Infected Teeth, Comparison of Roentgen Ray, Transillumination and Bacteriologic Examination of (Edward H. Hatton, F. Jiminez, J. V. Lenberg and Wallie McMurrough) ..... 190

Pulpless Deciduous Teeth (Herbert R. Foster) . 2057

Pulpless Teeth, Definite and Dependable Therapy for (Alfred Walker) ..... 1418

Pulpless Tooth, Present-Day Evaluation of (J. R. Blayney) ..... 533

Record Keeping as Asset to Practice (O. W. Brandhorst) ..... 1919

Record Keeping. Identification by Dental Means (Alfred Paul Rogers) ..... 181

Research Commission (C. T. Messner) ..... 656

Research Commission of American Dental Association, Report of ..... 122

Research, Cumulative (Arthur L. Irons) ..... 835

Resection of Mandible: Report of Case (George F. Seeman) ..... 890

Resins, Synthetic, Chemistry of (John S. Shell) 860

Rickets and Vitamin D, Relation of, to Incidence of Dental Caries, Enamel Hypoplasia and Malocclusion (David H. Shelling and George M. Anderson) ..... 840

Root-Canal Disinfectant, Preliminary Report on Use of Azochloramid as (Louis I. Grossman) ..... 774

Root-Canal Therapy, Simple, Rational, Employed in Conjunction with Apical Resection and Curettage (Maxwell B. Colton) ..... 2128

Root Canals, Infected Deciduous, Indications and Technic in Treatment of (John E. Gurley) ..... 113

Root Canals, Morphology of (A. H. Mueller) . 1698

Root Resorption in Permanent Teeth, Comparative Study in (C. E. Rudolph) ..... 822

Page

Rural Dental Service: Can It Be Given at Reasonable Cost? (Kenneth R. Gibson) ..... 1774

Sarcoma, Neurogenic, of Mandible: Report of Case (Welden E. Bell) ..... 135

Schüller-Christian Disease (Skeletal Xanthomatosis) (Joseph Schroff) ..... 2096

Sensitization to Base Plate Material, Lesions of Mouth from (Herbert Rattner) ..... 1519

Sepsis, Oral, in Childhood (Joseph Brennemann) ..... 1817

Sinus, Maxillary, Variations of, as Seen in Roentgenogram (LeRoy M. Ennis and Oscar Batson) ..... 201

Sinusitis, Bilateral: Report of Case (Edmund Branower) ..... 1913

Solar Teeth (Lawrence Parmly Brown) ..... 262

Staining of Dental Pulp, New Method (M. Ikeda) ..... 2147

Stomatitis, Aphthous (Canker Sores): Preliminary Report (James D. Grace) ..... 2082

Stomatitis, Ulcerative, Following Therapeutic Use of Mercury and Bismuth (Lawrence H. Akers) ..... 781

Submaxillary Gland, Calculus of (Adolph Berger and Joseph D. Berke) ..... 1397

Surgical, Oral, Procedures (Notes on Natural Color Motion Picture) (Harry J. Field and Alfred A. Ackerman) ..... 1956

Surgical Significance of Pterygomandibular Fossa (Hugh W. MacMillan) ..... 817

Surgery, Oral, Variations of Maxillary Sinus as Seen in Roentgenogram (LeRoy M. Ennis and Oscar Batson) ..... 201

Surgery, Plastic, of Head, Face and Neck; Psychic Reactions (Vilray Papin Blair) ... 236

Syphilis, Significance of, to Dentist (Paul A. O'Leary) ..... 1523

Third Molar, Lower, Malposed (Ned Landsman) ..... 1350

Tic Douloureux, Consideration of Some of Etiologic Factors in (Don J. Aubertine) ..... 2271

Tuberculoma Involving Upper Molar Tooth: Report of Case (Edward C. Stafne) ..... 1694

Tuberculosis and Dentistry (Leonard P. Wahl) 478

Tumor, Mixed, of Palate: Report of Case (Charles R. Rein and M. Hillel Feldman) .. 1310

Tumors, Malignant Diseases of Mouth (Frederick A. Figi) ..... 216

Tumors, Malignant, of Mouth (Carroll W. Stuart) ..... 810

Ulcers, Traumatic, Treatment of (Edward C. Dobbs) ..... 260

Uranoplasty (Limberg), Radical: New Operation for Closure of Cleft Palate (Louis Schultz) ..... 407

Vincent's Infection (D. R. Clark) ..... 1345

Vincent's Infection (W. E. Goodrow) ..... 2159

Vincent's Infection (Arthur H. Merritt) ..... 2027

Vincent's Infection, Cultural Studies of Oral Fusospirochetosis Correlated with Gingival Exudate and Clinical Manifestations (Richard D. Dean and Marguerite T. Dean) .... 1829

Vincent's Infection, Diagnosis and Treatment of (John H. Nesson) ..... 1483

Vincent's Infection, Mapharsen, New Therapeutic Agent for (P. A. Duehr et al.) ..... 652

Vulcanite and Thermoplastics, Metal Die Technic for Curing (Charles S. Ballard) ..... 2313

Vulcanite: Determinations Regarding Strength of Denture Materials (Horton D. Kimball) . 579

"Washington Plan" (Seymour A. Watsky) .... 338

Williams' Classification of Anterior Tooth Forms (M. Russell Stein) ..... 1512

EDITORIAL DEPARTMENT

Advertising and Advertising ..... 134

Aftermath, The ..... 131

Again the Christmas Seals ..... 2363

American Dental Association Takes Over the Dental Cosmos, The ..... 2365

Page

American Dental Foundation Incorporated, The 691
Arraignment of Mothers, An ..... 1547
Certain Amount of Muck-Raking, A ..... 685
Dental Survey of School Children ..... 1352
Dentistry for Children—What Does It Mean? 1098
Government and the Citizen, The ..... 1549
Hartman Obtundent, The ..... 480
Identification of the Dead from Dental Records 300
Just Fifty Years Ago ..... 1765
Laboratory Findings or Clinical Experience 1096
Legislative History of the Dental Corps of the Navy ..... 483
Mail Order Racket, The ..... 485
Most Satisfactory Dental Law, A ..... 892
New Cure for Arthritis, A ..... 1767
1936 Meeting of the American Dental Association, The ..... 683
Ninth International Dental Congress, The .... 687
Ninth International Dental Congress, The .... 1966
One Phase of Dental Teaching ..... 302
Oregon and Utah Legislation on Advertising of Interest to Dentists ..... 2366
Psychology of Wearing Artificial Dentures, The ..... 1099
San Francisco Meeting, The ..... 1762
Time Wasted ..... 1354
Two Men ..... 2168
Use of Glass as a Denture Base, The ..... 1356
Vincent's Infection and the Red Cross ..... 2166
We Need Both ..... 1970
Young Fellows, The ..... 894


OBITUARIES


Emory Addison Bryant, D.D.S. (1863-1935) .. 136
Charles W. Hall, D.D.S. (1867-1936) ..... 1358
Clinton Thadeus Messner, D.D.S., F.A.C.D., (1885-1936) ..... 1358
Wallace Seccombe, L.D.S., D.D.S. (1878-1936) 486
Claison S. Wardwell, D.D.S. (1856-1936) .... 1360


PRACTICE IN PARAGRAPHS


Casting—Wax Eliminator—Matrix—Canker Sores—Treatment of Retention Cysts—I Advise—Advantages of Local Anesthesia—Care in Removal of Impacted Lower Third Molar—Exposure of Field in Removal of Molar—History and Clinical and Roentgenographic Examination—Those Two Hands and Ten Fingers ..... 137-138

Hobby—Promises—Glare—Avoiding Disease—Patience—Nonpathologic Areas of Bone Rarefaction—Best Dressing for Wounds—Looking Vs. Staring—Semiluxury—Rest After Extraction—Word Saving—Imitating Black Marble for Your Cabinet—The Dentist Vs. Gold Foil—Removal of Deeply Broken Off Roots ..... 306-307

Guest—Malleting—Use of Tissues After Extractions—Use of Tissues in the Office—Patience with "Cranks"—Carcinoma Mistaken for Pyorrhea—Stress Relieving of Fillings—Juvenile Confidence—Anesthesia in Trismus—Plaster Bowl Demonstration—Retaking ..... 488-489

Backing for Steel Facing—Silver Nitrate Remover—Inlay Technic—Breaking Clasps—Organization Vs. Indifference—Cleaning Vs. Filling ..... 691-692

Competitor—Taking the Bite—Accent on Cleanliness—Indications for General Anesthesia—Retracting the Cheek—Squaring for Silicates—Toothbrush Instructions—Preliminary Educational Advice—Typewriting Vs. Handwriting—Securing Exact Centric Occlusion—Care of Spare Denture—Preventing Tooth Decay ..... 896-898

Page

Cleaning Handpieces — Statements — Silicate Under Gum Margin—Hesitating Burs—Hand Age Vs. Machine Age—Elastic Impression Material—Rubber Fulcrum Ball for Use with Forceps in Extracting Lower Molars—Preoperative Care—Care in Making Distal Incision of Flap for Removal of Impacted Lower Third Molar ..... 1101-1102

Dropping Impression—Overhead—Balancing Books—Keeping Toothbrush Bristles Hard—Avoid Shock—Rest After Extraction—As Others See Us—Templet for Cast-Gold Restorations—Impression—Much in Little—A Good and Economical Lathe Pan—Do Patients Appreciate Gold Foil?—Cementing Inlays—Extraction Hints—Impressions of a Dental Assistant (by a Dental Assistant) ..... 1360-1362

Guttapercha and Cajeput—Perfume—Applicators—Care in Administrating Local Anesthetics—Sharpening Burs—Patience—Cavity Lining in Silicates—Sterilizer in Action—Sinusitis Not of Dental Origin—Oral Cysts—Golden Rule—Phenomenon of Decay—Nature Vs. Human Skill—Dentures After Six Months' Wear ..... 1551-1552

Flow of Wax—A More Esthetic Porcelain Jacket Crown—Specialist Vs. General Practitioner—Details Vs. Results—Have All Phases of Dentistry Progressed?—Receiving the Child ..... 1768-1769

Polishing Interproximal Spaces—Relief Metal—Suture Material—Retrieving Old Burs—Perfect Coaptation of Fragments Not Essential—Postdamming—Anesthesia and Pulpless Teeth—A Dental Stool—Radical Surgery in Pyorrhea—Stop, Look and Listen ..... 1972-1973

Washing Hands—Sitting at Work—Cleaning Water Containers—Root Resection—Duplication—Appointments—Advertising—That Semi-Annual Visit—Holding Confidence of Patient During Local Anesthesia ..... 2170-2171

Tissues for Table Covers—X-Ray Developing Tank—Bridge from One Impression—Placing Material in Tray—Porcelain Filling—Tongs for Handling Hot Rings—Cause of Gagging—Procaine Injection—A Neglected Use of the Roentgenogram—Cavity Lining in Silicates—Showing the Patient—Mercury Fillings—Visualization—Intra-Osseous Anesthesia ..... 2369-2370


COUNCIL ON DENTAL THERAPEUTICS


Accepted Dental Remedies ..... 308, 490, 899, 1103, 1770, 1974, 2172, 2370
Albodon—Not Acceptable for A.D.R. ..... 2373
Annual Meeting of the Council on Dental Therapeutics ..... 1363, 1553
Bost Tooth Paste—Not Acceptable for A.D.R. 901
Calciphos—Not Acceptable for A.D.R. ..... 1772
Calcium and Phosphorus Compounds in Dentistry ..... 139
Comparative Pharmacologic and Toxicologic Action of Chlorobutanol (Chloretone) and Barbital Sodium ..... 1103
Decrosan and Pyro-San—Not Acceptable for A.D.R. ..... 694
Feed-'Em—Not Acceptable for A.D.R. ..... 695
Gum Copal Solution for Cavity Lining and Varnish (Samuel M. Gordon) ..... 2374
P.T.M. Formula Company Barred from Mails .. 693
Phos-Cal—Not Acceptable for A.D.R. ..... 1771
Poloris Dental Poultice—Not Admissible to A.D.R. ..... 2174
Practical Value and Limitations of Topical Anesthesia in Oral Surgery, The (M. L. Tainter and S. M. Moose) ..... 309
Py-Ro-Go—Not Admissible to A.D.R. ..... 2172
Shotgun Vitamin Therapy ..... 491
Taxi—Not Admissible to A.D.R. ..... 1975
Thymozin—Not Acceptable for A.D.R. ..... 2370
Wetherill Prophylaxis Stain Remover—Inadmissible to A.D.R. ..... 1977

BUREAU OF PUBLIC RELATIONS


Page

Are You Prepared to Meet the Children? (H. Shirley Dwyer) ..... 148
Building a Practice at Sixty (J. Walton Dace) .1111
California Health Institute..... 916
Can Rural Dental Service Be Given at Reasonable Cost? (Kenneth R. Gibson).....1774
Children's Dental Record Card..... 156
Community Health Program (Emory W. Morris) ..... 495
Covered Wagon Council Health Record..... 501
Curious Dental Customs of the Dyaks.....2199
Dedicated to Dental Health..... 501
Dental Health Educational Material.....2388
Dental Profession's Contribution to Society, The (George B. Winter).....1784
Dental Record of Corsicana, Texas, Orphanage.1576
Dentistry in a Public Health Program (Ernest A. Branch) .....2194
Dr. Pamby Is Plainly Perplexed..... 911
Dyak Dentistry .....2196
Economic Value of Dental Health Education in Public Schools (Henry Cline Fixott).....1567
Education of the School Child for Dental Health (J. M. Wisan).....1978
Eighteen Years of Mouth Health Teaching (G. M. Cooper).....1107
Guggenheim Dental Clinic ..... 501
Mouth Hygiene in Kern County, California (Clella McCullough) ..... 697
1935 Report of the Murry and Leonie Guggenheim Dental Clinic (John Oppie McCall)... 913
1935 Report of the Rochester Dental Dispensary ..... 915
Obnoxious Radio Advertising Canceled..... 502
Organization Outline for a Community Dental Program, An (Harry Strusser and J. A. Salzmann) .....2376
Practical Dental Health Educational Program, A .....2379
Prayer to the Rain God, The.....1992
Preparedness League of American Dentists: After Twenty Years, The (J. Wright Beach) 702
Present Purposes and Policies of the Summer Round-Up ..... 909
Relation of Public Health to Children's Dentistry (Charles F. Deatherage).....2177
Statistical Study of Caries in the Deciduous and Permanent Teeth of Children, A (Joseph T. Cohen) ..... 312
Summer Round-Up of the Children: 1935 Annual Report, The.....1996
Survey of Children's Dentistry in the Curriculum, A ..... 903
Tooth Customs of the Australian Aborigines..1990
What It Means to Be a Dentist (L. E. Blauch) 1370


DENTAL ECONOMICS


Are the Science and Art of American Dentistry to Be Sacrificed to a False Panacea? (Arthur C. Wherry) ..... 158
Are You Informed on Office Management, Dental Economics and Social Insurance?.....2208
Committee on Economics Needs Facts, The...1123
Critique on "The Patient's Dilemma" (Chapter 11), A (Edward H. Ochsner)..... 711
Discussion of the Social Security Act, with Special Reference to the Health Clauses, A (C. T. Messner)..... 703
Division of Oral Hygiene of the North Carolina State Board of Health.....1999
Don Quixote (P. H. Belding).....1116
Maternal and Child Health Dental Program of the State of Indiana.....2004
McDowell County Dental Clinic (Maintained by Levy), Welch, W. Va., The.....2001

Page

Medicine and Social Changes (R. G. Leland).. 506
Michigan Filter System.....2205
Minneapolis School Dental Health Program...2400
Minnesota Dental Health Educational Program.2399
Palama Settlement's Dental Clinic for School Children, Honolulu, Hawaiian Islands.....2005
Phases of a Community Dental Credit Bureau (H. D. Meyer).....1588
Physician Looks at Dental Education, The (James S. McLester)..... 503
Public School Health Service of a Kansas Town, The (Thomas A. Mayhew).....2003
Resolution Passed by the House of Delegates Regarding Dental Service Plans, November, 1935 ..... 164
"Resolutions Aren't Enough".....1591
Responsibility of Government in Relationship to Dental Practice (Arthur C. Wherry)....1791
Social Security Act, The (E. E. Voyles)..... 917
State Education and State Medicine.....1998
Survey of Dental Practice in Foreign Countries .....1378
Utah Referendum on Dental Anti-Advertising Law .....2398
"Washington Plan," The (Seymour A. Watsky) 338
Way Out of Economic Chaos, The (Ross Garrett) ..... 326
What the Economics Committee of the American Dental Association Is Doing (Lon W. Morrey) .....1579


CURRENT LITERATURE


Clinical Significance of Experimental Studies in Wound Healing—Anthrax: Clinical Report of Ten Human Cases—Glossodynia: Reflex Irritation from Mandibular Joint as Principal Etiologic Factor—Painful Lingual Papillae—Treatment of Malignant Tumors of Upper Jaw and Antrum: Fifteen Years of Progress—Multiple Bone Tumors with Unusual Diagnostic and Therapeutic Characteristics—Treatment of Depressed Fractures of Zygomatic Bone and Zygomatic Arch—Susceptibility to Dental Caries in Rat: V Influence of Calcium, Phosphorus, Vitamin D and Corn Oil—Reliable Method for Testing Sterility of Surgical Catgut Sutures—Congenital Median Cleft of Chin—Therapy of Jaw Fractures and Face Injuries—Fossils in New Mexico—Orthodontia—Chemical Analysis of Human Bone .....165-169
Presence of Sensory Nerve Cells in Central Root of Trigeminal Nerve—Treatment of Cancer of Lip—Radiation Therapy for Malignancy of Tongue—Surgical Repair of Cleft Palate with Special Reference to Lengthening Soft Palate—Review of 1933 and 1934 Literature on Fractures: Fractures of Jaw—Hemolytic Streptococci from Nose and Throat—Susceptibility of Rat to Dental Caries. VI Influence of Orange Juice and Acid-Base Balance of Diet—Unusual Cutaneous Reaction to Procaine Hydrochloride—Surgical Aspects of Treatment of Carcinoma of the Tongue—Two Cases of Rhabdomyoma of Tongue—Minnett Apparatus in Dentistry—Surgical Technic Anesthesia—Brief and Prolonged Narcoses with Evipan-Sodium in Children—Mucous-Gland and Salivary-Gland Tumors .....340-344
Repair of Postoperative Defects Involving Lips and Cheeks Secondary to Removal of Malignant Tumors—Surgical Prosthetics of Oral and Facial Defects—Factors in the Quantitative Measurement of the Roentgen-Ray Absorption of Tooth Slabs. III Mechanical Factors of Tube and Machine—Effect of Fluorine on Phosphatase Content of Plasma, Bones and Teeth of Albino Rats—Diagnosis and Treatment of Malignant Tumors of the Nasal Sinuses—New Treatment for Acute Osteomyelitis—Carcinoma of the Mouth—Surgery in Moscow, Storage of Blood for Transfusion—Snake Venom and Its Use in Dental Hemorrhage—Radiation Therapy in Tongue Carcinoma—Primary Diphtheria of the Oral Mucosa.....508-511

Page

Congenital Defects—Measurement of Roentgen-Ray Absorption Coefficients in Tooth Sections—Microscopic Investigation of Innervation of Tooth and Its Surroundings—Nasopalatine Duct Cysts—Use of Azochloramid in Infected Wounds—Treatment of Carcinoma of Larynx—Development of Tooth Germs in Vitro—Résumé of One Hundred Transantro-Ethmosphenoid Operations—Betel Chewing in Relation to Oral Sepsis and Carcinoma—Radium Treatment of Postoperative Parotitis—Mycotic Infection of Buccal Mucosa Caused by Leptothrix...715-718

Treatment of Melanoma: Report of Four Hundred Cases—Fractures of Jaw and Allied Traumatic Lesions of Facial Structures—Trigeminal Neuralgia in Multiple Sclerosis Modern Therapy of Tumors of Head and Neck—Oxidation-Reduction Potentials of Certain Anaerobic and Facultative Anaerobic Bacteria: I. $E_h$:$p_H$ Relationship and Possible Explanation for Phenomenon of Double Reversion of Potential During Apparent Logarithmic Phase. II. Preliminary Observations on Differentiation of Lactobacilli of Intestinal and Buccal Origin—Adenoma of Parotid Salivary Gland: Onkocyte Tumor—Incidence and Significance of Presence of Borrelia Vincenti and Other Spirochaetaceae on Beverage Glasses—Cancer of Mouth; Care of Patient Utilizing Prolonged Anesthesia Obtained by Alcohol Injections of Branches of Fifth Nerve—Practical Evaluation of Antiseptics for Use in Oral Hygiene—Leukoplakia of Unusual Origin—Aberrant Lingual Thyroid—Case of Agranulocytosis—Ciliary (Migrainous) Neuralgia and Treatment—Ueber Doppelbrechung und Feinbau des Menschlichen Zahnbeins—Uber die Kristallorientierung im Zahnschmelz—Avertin Anesthesia for Dental Operations on Children—Cardiac Failure During Anesthesia...923-927

Carcinoma of Tongue in Newborn Child—Radiologic Investigation of the Maxillary Antrum—Epithelioma of Lip—Relation of Physical Defects to the Physical Growth of Children in Different Regions of the United States, Physical Measurement Studies, No. 4—Morphologic Characteristics of Sinuses—Glossodynia: Reflex Irritation from Mandibular Joint as Principal Etiologic Factor; Study of Ten Cases—The Blood in Arthritis—Bell's Palsy—Indications for Surgery in Severe Bell's Palsy—Alleged Occurrence of Acetylcholine and Adrenaline in Cat's Saliva—Una nueva observacion de admantinoma voluminosa del maxilar inferior—Liver Therapy in Agranulocytosis—Treatment of Leukemia.....1160-1162

Changes in Incisor of Thirteen-Lined Ground Squirrel—Congenital Bony Temporomandibular Ankylosis and Facial Hemiatrophy—Pathologic Fractures Due to Malignant Disease—Surgical Repair of Facial Nerve—Infections of Parotid Gland—Medical Aspects of Periodontoclasia and Gingivitis—Granulocytic Angina—A Report of Three Cases with Two Fatalities—Manifestations of Leukemia Encountered in Otolaryngologic and Stomatologic Practice—Liposarcoma of Bone—Melanomas—Aloe Vera in Treatment of Roentgen Ulcers and Telangiectasis—Glossodynia—Accident Insurance: Extraction of Tooth as "Surgical Treatment"—Treatment of Hemorrhagic Diseases, Part II—Assessment of Dental Sepsis as Affecting Medical and Surgical Procedures—Synthetic Ligature Material—Milagnant Tumors of Base of Tongue.....1385-1389

Stomatitis Due to Sensitization to Dental Plates—Preventive and Prophylactic Value of Heliotherapy in Practice of Children's Dentistry—Extragenital Lesions of Lymphogranuloma Inguinale—Denicotinized Cigars and Cigarets—Adamantinoma of Jaw of Rabbit—Roentgenologic and Anatomic Study of Maxillary Sinus—Study of Diet in Relation to Dental Caries Activity in 212 Enlisted Men at Pearl Harbor Submarine Base, Hawaii—Cavernous Sinus Thrombosis—Influence of Heredity on Systolic Blood Pressure—Treatment of Fusospirillary Infection of Gums—A Tour of American Dental Schools—Treatment of Fibrositis..1592-1596

Page

Pathologic Study of "So-Called" Dental Tumors—Acute Staphylococcus Osteomyelitis. Use of Staphylococcus Antitoxin as Aid to Management of Toxemia and Staphylococcemia—Procedure for Determining Isoantigens in Saliva—Probable Causes of Nonunion of Fractures—New, One Minute Method for Staining Spirochetes, Spirilla, Spermatozoa and Related Organisms—Manifestations of Leukemia Encountered in Otolaryngologic and Stomatologic Practice—Lung Abscess—Influence of Diet on Caries in Children's Teeth—Hair Abnormalities in Cancer—Prolonged Toxic Effects of Local Anesthetics: Cocaine, Procaine and Allied Drugs; Untoward Effects of Nembutal.1805-1808

Accident of Local Anesthesia; With Experimental Study of Toxicity of Various Anesthetics—Observations on Development of Teeth of Cavia Cobaya—Garlic Breath Odor—Dangers Inherent in Clinical Diagnosis of Cancer—Course of Single Myeloma of Bone: Report of Twenty Cases—Fundamental Factors in Delay and Nonunion in Fractures—Probable Causes of Nonunion of Fractures—Alcohol Injection in Treatment of Trigeminal Neuralgia—Relation of Pulpless Teeth to General Disease with Special Reference to Periapical Rarefaction—Two Cases of Fracture of Roots of Two Incisors Where Pulps Have Remained Vital—Osteomyelitis of Mandible, Complicated by Septicemia and Secondary Abscess of Elbow and Hip—Dental Decay as Index of Malnutrition—Variations in Saliva in Pyorrhea and Caries—Constructive and Destructive Processes in Bones and Teeth of Normal and Scorbutic Animals—Intravenous Anesthesia with Eunarcon—Studies of Mouth Spirochetes—Culture and Classification of Fusiform Bacteria .....2011-2016

Metastatic Gingival Adenocarcinoma from Primary Lesion of Colon—Course of Proprioceptor Fibers from Tongue—Focal Infection in Dermatology—Red Blood Cell Sedimentation Rate in Chronic Sinusitis, Chronic Tonsillitis and Dental Periapical Infection—Scope of Teaching and Research in Anatomy—Mixed Salivary Gland Tumors Situated in Hard Palate—Diet and Dental Conditions of English and Dutch, with Special Reference to Pathogenesis of Carcinoma of Stomach—Respiratory Disease in Preschool Child—Distribution of Oral Streptococci in Tissues—Compensatory Hypertrophy of Salivary Glands (Sull' ipertrofia compensatore delle ghiandole salivari)—Toothbrush.....2210-2213

Repair of Cleft Palates Primarily Unsuccessfully Operated on—Duplication of Congenital Malformations in Brothers and Sisters and Among Other Relatives—Xerostomia from Roentgen-Ray Treatment for Hypertrichosis—Pulmonary Gangrene in Children—Relation of Vitamin C to Hemorrhagic Diastheses—Chronic Endemic Dental Fluorosis (Mottled Enamel)—Three Hundred Mixed Tumors of Salivary Glands of Which Sixty-Nine Recurred—Factors in Quantitative Measurement of Roentgen-Ray Absorption of Tooth Tabs. v. Theory of Step Tablet—Dental Changes in Rats Consuming Diet Poor in Inorganic Salts—Cancrum Oris—Eunarcon Anesthesia—Inorganic Structure of Teeth—Nourishment in Cases of Radiologic Reaction of Mucous Membranes of Mouth and Throat.....2404-2407

MISCELLANY

Announcements .....174, 349, 517, 724, 1170, .....1391, 1598, 1810, 2016, 2218, 2411

Book Reviews.....170, 344, 513, 718, 927, 1163, .....1390, 1596, 1808, 2010, 2213, 2408

Correspondence .....173, 344, 514, 927

Junior Membership, A.D.A..... 515

National Board of Dental Examiners; Successful Candidates, Parts I & II.....1165

Page
News .....169, 348, 516, 722, 928, 1164, 1390, .....1597, 1809, 2010, 2218, 2410
1935 Membership Record..... 515
Proceedings of Hullihen Day.....2215
San Francisco—and Roundabcut (Sanford M. Moose) .....1168
San Francisco—1936 Convention City (Sanford M. Moose) ..... 723
Synthetic Resin Used for Dental Gum in Germany ..... 514
"The Coil Spring"..... 345

Page
William J. Gies Endowment Committee for the Journal of Dental Research, The.....2216

LIBRARY BUREAU

Are You Informed on Office Management, Dental Economics and Social Insurance?.....2208
Keep Your Journals Clean..... 177
New Books Make Excellent Gifts.....2414
Package Libraries .....1601
Recent Books Worth Borrowing or Buying .....522, 1173

## LIST OF CONTRIBUTORS

Ackerman, Alfred A. (Harry J. Field), Fulminating Osteomyelitis of the Mandible with Pathologic Fracture ..... 448
Ackerman, Alfred A. (Harry J. Field), Oral Surgical Procedures (Notes on a Natural Color Motion Picture).....1956
Akers, Lawrence H., Ulcerative Stomatitis Following the Therapeutic Use of Mercury and Bismuth ..... 781
Alden, Arthur M., Deep Neck Infection Secondary to Dental Disease..... 854
Allen, Edgar V., Relationship of Medicine to Dentistry ..... 254
Allen, Edgar V. (Boyd S. Gardner), What the Physician Should Know About Dentistry..1059
Allen, Hunter S., Periodontia as Based on Facts, Not Fads, in Practice..... 87
Anderson, George M. (David H. Shelling), Relation of Rickets and Vitamin D to the Incidence of Dental Caries, Enamel Hypoplasia and Malocclusion in Children..... 840
Anderson, P. G. (Marion M. Johnston, C. H. M. Williams, T. G. H. Drake, F. F. Tisdall, Mildred J. Kaake), Lactobacillus Acidophilus in Dental Caries .....1493
Armstrong, W. D. (P. J. Brekhus), Civilization —a Disease .....1459
Ashley-Montagu, M. F., The Premaxilla in Man .....2043
Aubertine, Don J., Consideration of Some of the Etiologic Factors in Tic Douloureux...2271
Austin, Louie T. (Edward C. Stafne, Boyd S. Gardner), Median Anterior Maxillary Cysts. 801
Ballard, Charles S., Metal Die Technic for Curing Vulcanite and Thermoplastics.....2313
Banyai, Andrew L., Facial Neuralgia Relieved by Phrenic Nerve Block: Report of a Case.. 625
Barborka, Clifford J., Diet and Preventive Dentistry ..... 977
Batson, Oscar (Le Roy M. Ennis), Variations of the Maxillary Sinus as Seen in the Roentgenogram ..... 201
Beach, J. Wright, The Preparedness League of American Dentists: After Twenty Years.... 702
Beckwith, J. Holden, Prolonged Modified Nitrous Oxide-Oxygen Anesthesia; Psychologic and Technical Factors in Its Successful Application in Major Oral Surgery..... 393
Belding, P. H., Don Quixote.....1116
Bell, Welden E., Neurogenic Sarcoma of the Mandible: Report of a Case.....1351
Berger, Adolph (Joseph D. Berke), Calculus of the Submaxillary Gland.....1397
Berke, Joseph D. (Adolph Berger), Calculus of the Submaxillary Gland.....1397
Bernier, J. L. (C. P. Canby), Bacteriologic Studies of Carious Dentin.....2083
Beust, Theodore B., Enamel and Dentin Metabolism Illustrated by Reactions to Caries.... 827
Bimestefer, L. W. (L. P. Henneberger), Multiple Chondroma: Report of Case..... 416
Birch, Carroll L., Bleeding from the Oral Tissues: Causes and Differentiation..... 750
Blair, Vilray P., Plastic Surgery of the Head, Face and Neck; the Psychic Reactions.... 236
Blauch, L. E., What It Means to Be a Dentist..1370
Blayney, J. R., Present-Day Evaluation of the Pulpless Tooth ..... 533
Bloom, Charles James, Significance of Calcium, Phosphorus and Endocrine Metabolism in Dentistry .....1332
Blue, James A., Surgical Technic for Removal of Impacted and Hypercementosed Teeth...1480
Boots, J. L. (P. Chung), A Dentigerous Cyst Containing Thirty-Three Small Teeth..... 225
Both, H. Spalding, Porcelain Dental Restorations .....1279
Boyne, H. N., The Dentist's Responsibility to the Cardiac Patient.....1451
Branch, Ernest A., Dentistry in a Public Health Program .....2194
Brandhorst, Otto W., Proceedings of the Fifth General Meeting of the American Association of Dental Editors..... 660
Brandhorst, O. W., Record Keeping as an Asset to Practice .....1919
Branower, Edmund, Bilateral Sinusitis: Report of Case .....1913
Brashear, Alton D., Innervation of the Teeth.. 662
Brauer, John C., Treatment and Restoration of Fractured Permanent Anterior Teeth.....2323
Brekhus, P. J. (W. D. Armstrong), Civilization —a Disease .....1459
Brennemann, Joseph, Oral Sepsis in Childhood .....1817
Bricker, Frederick A., Importance of Mouth Brushing .....2287
Brown, H. O., Restoration of Lost Facial Dimensions and Contour for the Edentulous Patient .....1845
Brown, Lawrence Parmley, The Solar Teeth.. 262
Brown, Robert K., Operative Procedures Incident to the Construction of the Cast Gold Inlay ..... 99
Bull, F. A., Constructing Amalgam Fillings by Reinforcement to Approximate Strength of Cast Gold .....1655
Bull, Francis A., A Simple Method of Improving Amalgam Restorations.....1880
Bunting, R. W. (Philip Jay, Faith P. Hadley, Martha Koehne), Observations on Relationship of Lactobacillus Acidophilus to Dental Caries in Children During Experimental Feeding of Candy..... 846
Campbell, Dayton Dunbar, The Cast-Aluminum Base Denture .....1264
Canby, C. P. (J. L. Bernier), Bacteriologic Studies of Carious Dentin.....2083
Canby, Clarence P., Incidence of Pulpal Infection in Periodontoclasia.....1871
Cannon, Claude C., Amalgam: A Definite Mode of Manipulation ..... 629

Page

Capps, Joseph A., A Consideration of Heart Disease and Syncope in the Practice of Dentistry ..... 1543

Caughron, G. Sherrill (Everett S. Lain), Electrogalvanic Phenomena of the Oral Cavity Caused by Dissimilar Metallic Restorations. 1641

Chandler, Fremont A., Dental Phases of Orthopedic Surgery ..... 109

Christiansen, George W., Fundamentals of Nitrous Oxide-Oxygen Anesthesia ..... 2232

Chung, P. (J. L. Boots), A Dentigerous Cyst Containing Thirty-Three Small Teeth ..... 225

Claflin, Roland S., Healing of Disturbed and Undisturbed Extraction Wounds ..... 945

Clark, D. R., Vincent's Infection ..... 1345

Clark, Stanley W., Research in Local Anesthesia and Its Clinical Application ..... 251

Cohen, Joseph T., A Statistical Study of Caries in the Deciduous and Permanent Teeth of Children ..... 312

Colton, Maxwell B., A Simple Rational Root-Canal Therapy Employed in Conjunction with Apical Resection and Curettage ..... 2128

Conzett, John V., Address Before the Past Presidents' Club ..... 78

Cooley, Ralph Clarkson, Additional Studies in the Clinical Application of Available Local Anesthetics ..... 972

Cooper, G. A. (P. A. Duehr, L. L. Weissmiller, R. L. McIntosh, A. L. Tatum), Mapharsen, a New Therapeutic Agent for Vincent's Infection ..... 652

Cooper, G. M., Eighteen Years of Mouth Health Teaching ..... 1107

Dace, J. Walton, Building a Practice at Sixty. 1111

Dahlberg, A. A. (Norman W. Roome), Electrogalvanic Ulcer of the Buccal Mucosa: Report of Case ..... 1652

Dean, Marguerite T. (Richard D. Dean), Cultural Studies of Oral Fusospirochetosis Correlated with the Gingival Exudate and Clinical Manifestations ..... 1829

Dean, O. T., Surgery for the Denture Patient. . 2124

Dean, Richard D. (Marguerite T. Dean), Cultural Studies of Oral Fusospirochetosis Correlated with the Gingival Exudate and Clinical Manifestations ..... 1829

Deatherage, Charles F., Relation of Public Health to Children's Dentistry ..... 2177

DeEds, Floyd, Fluorine in Relation to Bone and Tooth Development ..... 568

Dobbs, Edward C., Treatment of Traumatic Ulcers ..... 260

Drake, T. G. H. (Marion M. Johnston, C. H. M. Williams, P. G. Anderson, F. F. Tisdall, Mildred J. Kaake), Lactobacillus Acidophilus in Dental Caries ..... 1493

Duehr, P. A. (L. L. Weissmiller, R. L. McIntosh, G. A. Cooper, A. L. Tatum), Mapharsen, a New Therapeutic Agent for Vincent's Infection ..... 652

Dunn, A. Laurence, A Safe Temporary Partial Denture ..... 96

Dwyer, H. Shirley, Are You Prepared to Meet the Children? ..... 148

Eells, Walter Crosby, The Center of Population of Dental Education, 1870-1930 ..... 473

Ennis, Le Roy M. (Oscar Batson), Variations of the Maxillary Sinus as Seen in the Roentgenogram ..... 201

Epstein, J. Leo (A. Edward Gindea), Angioneurotic Edema of Lower Jaw: Report of Case ..... 477

Felcher, Fred R., Modern Dental Porcelains. . . 1009

Feldman, M. Hillel (Charles R. Rein), Mixed Tumor of the Palate: Report of Case ..... 1310

Ferber, E. W. (C. D. Gwinn), Relationship of Hydrogen Ion Concentration to the Efficiency and Toxicity of Local Anesthetic Solutions. 1298

Ferber, Erwin William, Pharmacologic and Clinical Study of *B*-Benzoyloxy-*B*-Phenyl-Ethyl-Dimethylamine-Hydrochloride: A New Local Anesthetic ..... 788

Page

Ferrier, Walden L., Treatment of Cavities in the Anterior Teeth and Pit and Fissure Cavities in the Posterior Teeth with Gold Foil. . 355

Field, Harry J. (Alfred A. Ackerman), Fulminating Osteomyelitis of the Mandible with Pathologic Fracture ..... 448

Field, Harry J. (Alfred A. Ackerman), Oral Surgical Procedures (Notes on a Natural Color Motion Picture) ..... 1956

Figi, Frederick A., Malignant Diseases of the Mouth ..... 216

Fink, E. B. (Ruth Tunnicliff, Carolyn Hammond), Significance of Fusiform Bacilli and Spirilla in Gingival Tissue ..... 1959

Finkle, Philip, Arthritis with Special Reference to Mouth Manifestations ..... 1632

Fisher, Virginia, Diseases of the Mouth Due to Fungi ..... 1665

Fixott, Henry Cline, Economic Value of Dental Health Education in Public Schools. . . . 1567

Fosdick, Leonard S. (Harold L. Hansen), Theoretical Considerations of Carbohydrate Degradation in Relation to Dental Caries ..... 401

Foster, C. S., Functional Space Maintenance: Has It a Place in Dentistry for Children? . . 1052

Foster, Herbert R., The Pulpless Deciduous Teeth ..... 2057

Fournet, Sidney C. (Charles Shepard Tuller), A Revolutionary Mechanical Principle Utilized to Produce Full Lower Dentures Surpassing in Stability the Best Modern Upper Dentures ..... 1028

Frew, A. L., Correction of Cleft Lip and Cleft Palate ..... 29

Furnas, I. L., Esthetics in Full Denture Construction ..... 3

Gardner, Boyd S. (Edward C. Stafne, Louie T. Austin), Median Anterior Maxillary Cysts. . 801

Gardner, Boyd S. (Edgar V. Allen), What the Physician Should Know About Dentistry. . . 1059

Garrett, Ross, The Way Out of Economic Chaos ..... 326

Gibson, Kenneth R., Can Rural Dental Service Be Given at Reasonable Cost? ..... 1774

Gifford, Sanford R., The Eyes of the Dentist and of His Patients ..... 1713

Gilkison, Conrad C., Neoplastic Jaw Diseases: Carcinoma of Maxilla: Report of Case ..... 437

Gindea, A. Edward (J. Leo Epstein), Angioneurotic Edema of Lower Jaw: Report of Case ..... 477

Goldberg, Maurice A., Some of the Physical Properties of Plasters and Stones ..... 617

Goodman, Nye W., The Porcelain Inlay; Direct Technic ..... 1045

Goodrow, W. E., Vincent's Infection ..... 2159

Gordon, Samuel M., Gum Copal Solution for Cavity Lining and Varnish ..... 2374

Grace, James D., Canker Sores (Aphthous Stomatitis): Preliminary Report ..... 2082

Gracey, Clayton H., Home Care of the Interproximal Spaces ..... 985

Grossman, Louis I., A Preliminary Report on the Use of Azochloramid as a Root Canal Disinfectant ..... 774

Gurley, John E., Dentistry and Orthodontia. . 1065

Gurley, John E., Indications, Contraindications and Technic in the Treatment of Infected Deciduous Root Canals ..... 113

Gwinn, C. D. (E. W. Ferber), Relationship of Hydrogen Ion Concentration to the Efficiency and Toxicity of Local Anesthetic Solutions. 1298

Hadley, Faith P. (Philip Jay, R. W. Bunting, Martha Koehne), Observations on Relationship of Lactobacillus Acidophilus to Dental Caries in Children During Experimental Feeding of Candy ..... 846

Hall, Fred H., The Problem of Increased Vertical Dimension in Partial Denture Construction ..... 1321

Hammond, Carolyn (Ruth Tunnicliff, E. B. Fink), Significance of Fusiform Bacilli and Spirilla in Gingival Tissue ..... 1959

Page

Hansen, Harold L. (Leonard S. Fosdick), Theoretical Considerations of Carbohydrate Degradation in Relation to Dental Caries..... 401

Hartzell, Thomas B., Cardiac Arteriosclerosis: What It Means to the Dentist.....1288

Hatton, Edward H. (F. Jiminez, J. V. Lenberg, Wallie McMurrough), A Comparison of Roentgen Ray, Transillumination and Bacteriologic Examination of Pulpless and Infected Teeth ..... 190

Helwig, Ferdinand C., The Rôle of Dentistry in the Control of Cancer.....1759

Henneberger, L. P. (L. W. Bimestefer), Multiple Chondroma: Report of Case..... 416

Hight, Finis Marlin, Taking of Registrations for Securing Centric Jaw Relation.....1447

Hill, Thomas J., A Discussion of the Action of Dr. Hartman's Solution..... 679

Hodgin, O. R., Anomaly in Dentition: Report of a Case.....1308

Holcomb, H. V., Denture Prosthesis—An Accredited Oral Health Service.....2307

Holmes, Bayard, Cardiac Diseases and the Dentist ..... 118

Holmes, W. B. (F. A. Peyton), Certain Physical Properties of Zinc Phosphate Cements..1251

Hughes, George A., Denture Materials..... 621

Humphrey, William R., Technic of Orthodontic Appliance Construction Using Chrome Alloy Metals .....1471

Hutton, James H., Relation of Endocrine Disorders to Dental Disease..... 226

Ikeda, M., A New Method of Staining the Dental Pulp .....2147

Irons, Arthur L., Cumulative Research..... 835

Jacobs, Max H., General Anesthesia as It May Interest the General Practitioner, with Special Consideration of Nitrous Oxide-Oxygen and Ethyl Chloride.....1729

Jasper, E. A., Conservation of Pulp-Involved Teeth .....1895

Jay, Philip (Faith P. Hadley, R. W. Bunting, Martha Koehne), Observations on Relationship of Lactobacillus Acidophilus to Dental Caries in Children During Experimental Feeding of Candy..... 846

Jiminez, F. (Edward H. Hatton, J. V. Lenberg, Wallie McMurrough), A Comparison of Roentgen Ray, Transillumination and Bacteriologic Examination of Pulpless and Infected Teeth ..... 190

Johnson, C. N., Safeguarding the Foundation.. 994

Johnson, Leland R., Relation of Respiration to Malocclusion .....1212

Johnston, Marion M. (C. H. M. Williams, P. G. Anderson, T. G. H. Drake, F. F. Tisdall, Mildred J. Kaake), Lactobacillus Acidophilus in Dental Caries.....1493

Jones, Martha R. (Nils P. Larson, George P. Pritchard), A Reply to Becks and Simmonds' Criticism ..... 295

Kaake, Mildred J. (Marion M. Johnston, C. H. M. Williams, P. G. Anderson, T. G. H. Drake, F. F. Tisdall), Lactobacillus Acidophilus in Dental Caries .....1493

Keeton, Robert W., Factors in Tissue Repair and Resistance to Infection..... 194

Kelly, Oather A., Osteonecrosis of the Maxilla: Report of Case.....1035

Ker, Alex J., Dental Caries: Critical Study of Investigations in the Hawaiian Islands.... 17

Kimball, Horton D., Determinations Regarding the Strength of Denture Materials: Vulcanite ..... 579

Kimball, Horton D., Further Determinations on the Strength of Denture Materials: Condensites and Vulcanites: A Progress Report.1904

King, C. G. (W. F. Swanson, A. Sigal), Bacterial Toxins and Vitamin C in Relation to Tooth Structure .....2089

Kingery, R. H., Examination and Diagnosis Preliminary to Full Denture Construction..1707

Page

Klaffenbach, Arthur O., An Analytic Study of Modern Abutments.....2275

Klaffenbach, Arthur O., Gnathodynamics.... 371

Klein, Jacob E., Progress in Nutrition.....1751

Koehne, Martha (Philip Jay, Faith P. Hadley, R. W. Bunting), Observations on Relationship of Lactobacillus Acidophilus to Dental Caries in Children During Experimental Feeding of Candy..... 846

Kronfeld, Rudolf, Increase in Size of the Clinical Crown of Human Teeth with Advancing Age ..... 382

Kronfeld, Rudolf, Nerves in the Dentin: A Survey of Recent Literature on Dentin Innervation .....1756

Lain, Everett S. (G. Sherrill Caughron), Electrogalvanic Phenomena of the Oral Cavity Caused by Dissimilar Metallic Restorations.1641

Landsman, Ned, Malposed Lower Third Molar: Report of Case.....1350

Larson, Nils P. (Martha R. Jones, George P. Pritchard), A Reply to Becks and Simmonds' Criticism ..... 295

Leland, R. G., Medicine and Social Changes... 506

Lenberg, J. V. (Edward H. Hatton, F. Jiminez, Wallie McMurrough), A Comparison of Roentgen Ray, Transillumination and Bacteriologic Elimination of Pulpless and Infected Teeth ..... 190

Leonard, Harold J., Periodontoclasia.....2032

Lewis, Samuel J., Ectopic Eruption of Permanent Teeth as a Factor in Premature Loss of Deciduous Teeth.....1019

Lewis, Samuel J., Some Aspects of Dental Arch Growth ..... 277

Lott, Frank, Advantages and Disadvantages of the Use of Glass as a Denture Base.....1915

Lowery, P. C., Program of the Research Commission at the National Bureau of Standards .....1312

Lussier, Earl F., Adult Orthodontic Therapy: A Practical Aid to the General Practitioner.2102

Lyons, Don Chalmers, A Radical Treatment for Chronic Osteomyelitis.....1092

Lyons, Don Chalmers, Laboratory Evidence of the Antibiotic Relationship of Mouth Inhabiting Bacteria..... 852

MacGilvra, Walter V., Intravenous Method of Reversing the Process of Anesthesia..... 668

MacMillan, Hugh W., Anatomy of the Throat, Mylohyoid Region and Mandible in Relation to Retention of Mandibular Artificial Dentures .....1435

MacMillan, Hugh W., Surgical Significance of the Pterygomandibular Fossa..... .. 817

MacMillan, Hugh W., The Philosophy of Professional Obligation.....2225

Marshall, John Albert, Dental Hypoplasia: Its Occurrence, Histopathology and Etiology...2074

Mayhew, Thomas A., The Public School Health Service of a Kansas Town.....2003

McBeath, E. C., New Concept of the Development and Calcification of Teeth..... 675

McBride, Walter C., The First Permanent Molar .....2116

McBride, Walter C., Treatment of Accidents to Anterior Teeth of Young Patients..... 755

McBride, Walter C., What One May See in a Child's Mouth .....1745

McCall, John Oppie, 1935 Report of the Murry and Leonie Guggenheim Dental Clinic..... 913

McCullough, Clella, Mouth Hygiene in Kern County, California..... 697

McFall, Walter T., Is Orthodontia for the Orthodontist? .....2352

McGehee, William H. O., Recent Advances in the Knowledge of Drugs and Their Application in Modern Dental Health Service.....1222

McGrane, H. F., The Curved Cusp Posterior Tooth .....1072

McIntosh, R. L. (P. A. Duehr, L. L. Weissmiller, G. A. Cooper, A. L. Tatum), Mapharsen, a New Therapeutic Agent for Vincent's Infection ..... 652

McKevitt, Frank H., Osseous Changes in the Alveolar Process and Their Effect on Partial Dentures ..... 2241

McLean, David W., Stabilization of Partial Dentures ..... 545

McLean, David W., The Partial Denture as a Vehicle for Function ..... 1271

McLester, James S., The Physician Looks at Dental Education ..... 503

McMurrough, Wallie (Edward H. Hatton, F. Jiminez, J. V. Lenberg), A Comparison of Roentgen Ray, Transillumination and Bacteriologic Examination of Pulpless and Infected Teeth ..... 190

Merritt, Arthur H., Vincent's Infection ..... 2027

Messner, C. T., A Discussion of the Social Security Act, with Special Reference to the Health Clauses ..... 703

Messner, C. T., The Research Commission .... 656

Meyer, F. S., Something New in Cusps and Sulci Analysis, Balanced and Functional Occlusion and Stress-Breakers ..... 1204

Meyer, H. D., Phases of a Community Dental Credit Bureau ..... 1588

Miller, Fred D., Immediate Duplicate Denture Service ..... 83

Miller, Howard C. (Carroll W. Stuart), Comparative Merits of Vasoconstrictors in Local Anesthetic Solutions: Their Practical Application ..... 1883

Molt, Frederick F., Diet as a Factor in Healing ..... 1442

Moody, Leonard W. (Earl A. Zaus), Effect of Administration of Epinephrine on Procaine Toxicity ..... 1006

Moore, George R., Relation of Orthodontia to Other Fields of Dentistry ..... 1292

Moose, Sanford M., San Francisco—1936 Convention City ..... 723

Moose, S. M. (M. L. Tainter), Studies in Topical Anesthetics. I. The Efficacy of Certain Common Anesthetics When Used on the Gums ..... 244

Moose, S. M. (M. L. Tainter), The Practical Value and Limitations of Topical Anesthesia in Oral Surgery ..... 309

Morgan, George E., Care of the First Permanent Molar: Preservation of the Mesial Surface Until the Eruption of the Second Bicuspid ..... 13

Morgan, George E., Operative Procedures for the Deciduous Teeth ..... 1689

Morgenthaler, Carl F., Gentle Means for Reducing Fracture ..... 1731

Morrey, Lon W., What the Economics Committee of the American Dental Association Is Doing ..... 1579

Morris, Emory W., Community Health Program ..... 495

Morvay, Leonard S., Relation of Dental to Medical Hospital Service ..... 960

Mueller, A. H., Morphology of Root Canals ... 1698

Murphy, William P., Dentistry in Relation to the Blood Dyscrasias ..... 575

Myers, Raymond E., Study of the Causes of Discontinuity of Metal in Sprues During Pressure-Casting ..... 554

Nesson, John H., Diagnosis and Treatment of Vincent's Infection ..... 1483

Nesson, John H., Impacted Teeth in Symphysis of Mandible: Report of Case ..... 1761

Neurohr, Ferdinand G., Spring Lock and Insertion Pin Lock Attachments in Saddle Designs for Partial Dentures ..... 1530

Noyes, Harold J., The Medical Background of the Orthodontic Patient ..... 1426

O'Brien, George F., Arthritis, a Dental Problem ..... 1738

Ochsner, Edward H., A Critique on "The Patient's Dilemma" (Chapter 11) ..... 711

O'Leary, Paul A., Significance of Syphilis to the Dentist ..... 1523

Oliver, Oren A., A Plea for an Exchange of Thought Between the General Practitioner and the Specialist ..... 2141

Orban, Balint, Biologic Problems in Orthodontia ..... 1849

Page, Melvin E., Necessity for Endocrine Treatment in Successful Prosthesis ..... 439

Pendleton, Elbert Crosby, Influence of Biologic Factors in Retention of Artificial Dentures. 1233

Peyton, F. A. (W. B. Holmes), Certain Physical Properties of Zinc Phosphate Cements .. 1251

Pilkington, E. L., Esthetics and Optical Illusions in Dentistry ..... 641

Podolin, Mathew, Cold and Heat Therapy in Dental Inflammations ..... 61

Price, Weston A., Eskimo and Indian Field Studies in Alaska and Canada ..... 417

Price, Weston A., Field Studies Among Some African Tribes on the Relation of Their Nutrition to the Incidence of Dental Caries and Dental Arch Deformities ..... 876

Prime, James Mark, Is Operative Dentistry Failing? ..... 47

Prime, James Mark, New Data on the Chemotherapy of Incipient Caries ..... 785

Pritchard, George P. (Martha R. Jones, Nils P. Larson), A Reply to Becks and Simmonds' Criticism ..... 295

Pryor, W. J., Artificial Denture Problem, Past and Present; Need of Research in the Immediate Future ..... 451

Puterbaugh, P. G., Administration of Local Anesthetics in Dentistry ..... 241

Rabkin, Samuel, Biologic Factors in Dental Disorders ..... 1932

Rattner, Herbert, Lesions of the Mouth from Sensitization to Base Plate Material ..... 1519

Rein, Charles R. (M. Hillel Feldman), Mixed Tumor of the Palate: Report of Case ..... 1310

Reiter, Edward, Interpretation of Pain About the Face and Jaws ..... 2132

Rich, Celia, Status of Periodontia in the Dental College Curriculum ..... 1079

Richey, Earl L., Importance of Esthetic Factors in Full Restorations ..... 2065

Risdon, Fulton, Fractures of the Mandible and Maxillae ..... 1639

Robinson, Thomas O., Radicular Cyst: Report of Case ..... 58

Robison, Homer B., Postgraduate Orthodontic Instruction and the Licensing of Specialists. 2136

Rogers, Alfred Paul, Identification by Dental Means ..... 181

Rogers, Alfred Paul, Place of Myofunctional Treatment in the Correction of Malocclusion 66

Roome, Norman W. (A. A. Dahlberg), Electrogalvanic Ulcer of the Buccal Mucosa: Report of Case ..... 1652

Rosenow, Edward C., Cataphoretic Velocity and Localization of Streptococci Isolated from Infected Teeth of Persons Having Systemic Disease ..... 35

Rudolph, C. E., A Comparative Study in Root Resorption in Permanent Teeth ..... 822

Rule, R. W., A Preliminary Report of Tests Made to Determine the Physical Properties and Clinical Values of Gold and Platinum Foil ..... 93

Russell, A. Y., Conservative Management of Bone Cysts in Children and Adults ..... 1719

Salzmann, J. A., (Harry Strusser), An Organization Outline for a Community Dental Program ..... 2376

Schlosser, R. O., Tooth Arrangement in Complete Denture Prosthesis ..... 2337

Page

Schoonover, Irl C. (W. T. Sweeney), A Progress Report on Denture Base Material (1935) ....1498

Schour, Isaac, The Neonatal Line in the Enamel and Dentin of the Human Deciduous Teeth and First Permanent Molar....1946

Schroff, Joseph, Schüller-Christian Disease (Skeletal Xanthomatosis) ....2096

Schultz, Louis, Radical Uranoplasty (Limberg): A New Operation for Closure of a Cleft Palate .... 407

Schuyler, Clyde H., Relation of the Dentist to the Commercial Dental Laboratory....2355

Schwarz, H. J., Broken Needles in Mandibular Blocking .... 130

Sears, Victor H., Escaping the Commonplace in Full Denture Construction.... 212

Sears, Victor H., Functional Impressions for Rebasing Full Dentures....1031

Sedwick, H. Jobe, Observations on Precolumbian Indian Skulls Unearthed in New York State .... 764

Seeman, George F., Resection of Mandible: Report of Case.... 890

Selberg, Alver, Modern Fixed Partial Restorations .... 460

Seldin, Harry M., General Anesthesia in Dental and Oral Surgery....1040

Shell, John S., Chemistry of Synthetic Resins. 860

Shelling, David H. (George M. Anderson), Relation of Rickets and Vitamin D to the Incidence of Dental Caries, Enamel Hypoplasia and Malocclusion in Children.... 840

Sigal, A. (W. F. Swanson, C. G. King), Bacterial Toxins and Vitamin C in Relation to Tooth Structure ....2089

Smith, David T., Rôle of Fusospirochetal Organisms in Acute and Chronic Infections of the Mouth ....1340

Smith, R. Reed, A Study of Twenty-Four Cases of Mottled Enamel in a Fluorine-Free-Water District ....1725

Spalding, Grace Rogers, Gingivitis....2021

Stafne, Edward C. (Louie T. Austin, Boyd S. Gardner), Median Anterior Maxillary Cysts. 801

Stafne, Edward C., Tuberculoma Involving an Upper Molar Tooth: Report of Case....1694

Stein, M. Russell, Williams' Classification of Anterior Tooth Forms....1512

Stone, Eugene R., Tripping Action of Bar Clasps .... 596

Strusser, Harry (J. A. Salzmann), An Organization Outline for a Community Dental Program ....2376

Stuart, Carroll W. (Howard C. Miller), Comparative Merits of Vasoconstrictors in Local Anesthetic Solutions: Their Practical Application ....1883

Stuart, Carroll W., Malignant Tumors of the Mouth .... 810

Suddarth, C. S., Surgical Preparation of the Mouth for the Reception of Artificial Dentures .... 468

Svoboda, Esther E. (F. J. Svoboda), A Clear Instance of Repair of a Fractured Root: Report of Case....1546

Svoboda, F. J. (Esther E. Svoboda), A Clear Instance of Repair of a Fractured Root: Report of Case....1546

Swanson, Edgar W., Effect of Particle Size on the Physical Properties of Silicate Cements.1620

Swanson, W. F. (A. Sigal, C. G. King), Bacterial Toxins and Vitamin C in Relation to Tooth Structure ....2089

Sweeney, W. T. (Irl C. Schoonover), A Progress Report on Denture Base Material (1935) ....1498

Page

Tainter, M. L. (S. M. Moose), Studies in Topical Anesthetics. I. The Efficacy of Certain Common Anesthetics When Used on the Gums .... 244

Tainter, M. L. (S. M. Moose), The Practical Value and Limitations of Topical Anesthesia in Oral Surgery.... 309

Tatum, A. L. (P. A. Duehr, L. L. Weissmiller, R. L. McIntosh, G. A. Cooper), Mapharsen, a New Therapeutic Agent for Vincent's Infection .... 652

Tench, R. W., Fundamentals of Partial Denture Design ....1087

Terrell, Wilfrid H., Retention and Stability for Full Dentures ....1194

Tisdall, F. F. (Marion M. Johnston, C. H. M. Williams, P. G. Anderson, T. G. H. Drake, Mildred J. Kaake), Lactobacillus Acidophilus in Dental Caries....1493

Tuller, Charles Shepard (Sidney C. Fournet), A Revolutionary Mechanical Principle Utilized to Produce Full Lower Dentures Surpassing in Stability the Best Modern Upper Dentures ....1028

Tunnicliff, Ruth (E. B. Fink, Carolyn Hammond), Significance of Fusiform Bacilli and Spirilla in Gingival Tissue....1959

Voyles, E. E., The Social Security Act.... 917

Wahl, J. P., Impacted and Malposed Teeth...1316

Wahl, Leonard P., Dentistry and Tuberculosis. 478

Wakai, Eijiro, Potential Difference Between Various Kinds of Metals Applied in Oral Cavity and Their Physiologic Effects....1000

Walker, Alfred, A Definite and Dependable Therapy for Pulpless Teeth....1418

Watsky, Seymour A., The "Washington Plan" .... 338

Weissmiller, L. L. (P. A. Duehr, R. L. McIntosh, G. A. Cooper, A. L. Tatum), Mapharsen, a New Therapeutic Agent for Vincent's Infection .... 652

Wherry, Arthur C., Are the Science and Art of American Dentistry to Be Sacrificed to a False Panacea? .... 158

Wherry, Arthur C., Responsibility of Government in Relationship to Dental Practice...1791

Whitfield, Albert J., Localization of a Broken Needle in the Maxillary Region....1262

Willett, R. C., Preventive Orthodontics....2257

Williams, C. H. M. (Marion M. Johnston, P. G. Anderson, T. G. H. Drake, F. F. Tisdall, Mildred J. Kaake), Lactobacillus Acidophilus in Dental Caries....1493

Williams, Herbert Ely, Standing Vs. Sitting... 627

Williams, John Bell, Interrelationship of Dental Practice and General Medicine.... 737

Williams, Joseph H., Coordinating Treatment with Diagnosis .... 863

Winter, George B., President's Address....1609

Winter, George B., The Dental Profession's Contribution to Society....1784

Wisan, J. M., Education of the School Child for Dental Health....1978

Woodard, Don E., Surgery of the Soft Tissues of the Mouth....1676

Wright, Walter H., Selection and Arrangement of Artifical Teeth for Complete Prosthetic Dentures ....2291

Viner, F. J., Amalgam Restorations....1682

Yeretsky, Willa, Diagnosis and Evaluation of Treatment in Periodontoclasia....1185

Yost, Howard, Practicability of Chrome Nickel Alloys for Orthodontic Use.... 798

Zaus, Earl A. (Leonard W. Moody), Effect of Administration of Epinephrine on Procaine Toxicity ....1006

Page

244

309

652

087

194

493

028

959
917
316
478

000

418

338

352

158

791

262
357

193
327

737

363
309

184

178

176

191
182

185

198

206